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(54) Impact modified, reinforced phenolic resin molding materials.

(57) Disclosed is a phenolic resin molding material which is mainly composed of (1) 25-55 parts by weight of a phenolic resin containing 60% by weight or more of a resol-type phenolic resin, (2) 2-10 parts by weight of a partially crosslinked NBR, and (3) 35-70 parts by weight of an inorganic filler, on the basis of 100 parts by weight in total of these components.

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EUROPEAN SEARCH REPORT

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EP 93 10 5496

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
P,X	DATABASE WPI Week 9311, Derwent Publications Ltd., London, GB; AN 93-088803 & JP-A-5 032 863 (SUMITOMO BAKELITE CO.) 9 February 1993 * abstract *	1-7	C08L61/10 //(C08L61/10, 9:02)
D,Y	US-A-5 141 992 (K. KATOH ET AL.) * claims 1-6,10,12 * * comp. ex. 2 *	1-7	
Y	'Encyclopedia of polymer science and engineering, vol. 12' 1988, J. WILEY & SONS, N.Y. * page 435 - page 436 *	1-7	
X	DATABASE WPI Week 8715, Derwent Publications Ltd., London, GB; AN 87-106173 & JP-A-62 054 754 (ASAHI YUKIZAI KOGYO, BANDO CHEM. IND.) 10 March 1987 * abstract *	1,2,4	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
X	GB-A-2 147 904 (ROGERS CORP.) * claims 1-11; figure 3; examples 1d,6m,9 *	1,2,4	C08L
X	GB-A-2 219 298 (KERAMCHEMIE GMBH) * claim 1 *	1,2	
A	US-A-4 599 382 (H. SATO ET AL.) * claims 2,6 * * column 5, line 5 - line 10 * * column 6, line 52 - line 68 * -/-	1,2	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 19 August 1994	Examiner Krische, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document			

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 266 513 (HANSE CHEMIE GMBH) * page 3, line 1 - page 5, line 22 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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